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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/505,887	02/17/2000	Kevin Lauren Cote	011495-056	7040
21839	7590	06/28/2004	EXAMINER	
BURNS DOANE SWECKER & MATHIS L L P			DEXTER, CLARK F	
POST OFFICE BOX 1404				
ALEXANDRIA, VA 22313-1404			ART UNIT	PAPER NUMBER
			3724	

DATE MAILED: 06/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/505,887

Applicant(s)

COTE ET AL.

Examiner

Clark F. Dexter

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 March 2004.
2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 20-27 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☐ Claim(s) _____ is/are rejected.
7) ☒ Claim(s) 20-27 is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

QUAYLE ACTION

1. The Appeal Brief filed on March 23, 2004 has been entered. In view of applicant's arguments therein, the claims appear to be allowable over the prior art of record. However, further clarification of the claims is requested as described below. Additionally, due to the allowability of claim 20, the restriction requirement has been withdrawn and non-elected claims 24-26 have been rejoined.

Claim Objections

2. Claims 20-27 are objected to because of the following informalities:

In claim 20, line 3, it seems that "at least a" be changed to --at least one-- for clarity and for agreement with the last paragraph of the claim; in lines 7-8, the relationship between the features and the features being set forth are unclear - for example, it is not clear as to what "rotatably mounted" refers (i.e., rotatably mounted with respect to what?), and "the at least first roller chain assembly" is unclear; in lines 9-10, the relationship between the features and the features that are being set forth are unclear, and it is suggested to rewrite lines 7-10 as follows:

-- at least one ~~rotatably mounted~~ gripper crossbar rotatably mounted to in operative connection with the at least one first roller chain carrier assembly, said gripper crossbar including at least one gripper; and

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at least one ~~rotatably mounted~~ roller crossbar rotatably mounted to in
~~operative connection with~~ said at least one second roller chain carrier assembly,
said roller crossbar including at least one roller,--.

In claim 24, line 2, structural cooperation is not positively provided for the cam device, and it is suggested to change "for rotating" to --operatively connected to --, and in line 3 to insert --for rotating the crossbars-- before "relative" or the like.

Appropriate correction is required.

Remarks

3. Applicant is invited to contact the Examiner to discuss the changes suggested above or other alternate claim language.

Allowable Subject Matter

4. Claims 20-27 are objected for the reasons described above, but these claims appear to be allowable over the prior art of record, particularly based on applicant's interpretation of the claim language as described by applicant in the second paragraph on page 5 of the Appeal Brief, wherein applicant interprets the language "rotatably mounted" as being rotatable with respect to the respective chain carrier assembly.

Conclusion

5. This application is in condition for allowance except for the formal matters described above. Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clark F. Dexter whose telephone number is (703)308-1404. The examiner can be reached Monday through Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Allan N. Shoap can be reached on (703)308-1082. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Clark F. Dexter', is positioned above the printed name.

Clark F. Dexter
Primary Examiner
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cf
June 23, 2004